

## (12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
31 December 2003 (31.12.2003)

PCT

(10) International Publication Number  
**WO 2004/001536 A2**

(51) International Patent Classification<sup>7</sup>:

G06F

(21) International Application Number:

PCT/US2003/019185

(22) International Filing Date: 18 June 2003 (18.06.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

60/390,812

20 June 2002 (20.06.2002) US

(81) Designated States (*national*): AE, AG, AL, AU, BA, BB, BR, BZ, CA, CN, CO, CR, CU, DM, DZ, EC, GD, GE, HR, HU, ID, IL, IN, IS, JP, KP, KR, LC, LK, LR, LT, LV, MA, MG, MK, MN, MX, NO, NZ, OM, PH, PL, RO, SC, SG, TN, TT, UA, US, UZ, VC, VN, YU, ZA.

(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(71) Applicant and

(72) Inventor: MATTHEWS, Robin [GB/US]; 1135 Dulaney Gate Circle, Cockeysville, MD 21030 (US).

Published:

— without international search report and to be republished upon receipt of that report

(74) Agent: GAMSON, Robert, M.; Armstrong, Westman & Hattori, LLP, Suite 220, 502 Washington Avenue, Towson, MD 21204 (US).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: AN ATHLETIC GAME LEARNING TOOL, CAPTURE SYSTEM, AND SIMULATOR

(57) Abstract: A system and method is provided for simulating an athletic event. This system and method begins by entering players for positions in a squad on an offensive, defensive team, wherein each player has vital statistics, general attributes, offensive/defensive attributes and specialized attributes which predict athletic performance associated therewith. Players are then placed in a formation. A play is then established based on the formation in which the moving pattern and activity of each player is defined. The play is simulated by having each player executing the moving pattern and modified by the vital statistics, general attributes, offensive/defensive and specialized attributes associated with each player.

WO 2004/001536 A2

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/19185

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A63F 13/00

US CL : 463/1-4, 9

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 463/1-4, 9

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|--|-----------------------|
| X          | MADDEN NFL 98 FOOTBALL MANUAL, EaSports 1998, see entire document                  | 1-47                  |
| Y          | US 5,890,906 A (MACRI et al.) 06 April 1999, see entire document                   | 1-47                  |
| Y          | US 6,155,924 A (NAKAGAWA et al.) 05 December 2000, see entire document.            | 1-47                  |
| Y          | US 6,280,323 B1 (YAMAZAKI et al.) 28 August 2001, see entire document.             | 1-47                  |
| Y, P       | US 6,491,582 B1 (TOYOHARA et al.) 10 December 2002, See entire document.           | 1-47                  |

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T"

later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X"

document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y"

document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&"

document member of the same patent family

Date of the actual completion of the international search

20 November 2003 (20.11.2003)

Date of mailing of the international search report

05 DEC 2003

Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US

Commissioner for Patents

P.O. Box 1450

Alexandria, Virginia 22313-1450

Facsimile No. (703)305-3230

Authorized officer

Teresa J Walberg

Telephone No. 703-308-1148

*Sheila H. Verney*  
Paralegal Specialist  
Tech. Center 3700